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=> s Kontsekova E?/au
L1          48 KONTSEKOVA E?/AU

=> s l1 and tau
         87233 TAU
           168 TAUS
         87285 TAU
                 (TAU OR TAUS)
L2          10 L1 AND TAU

=> s l2 and truncated
         41439 TRUNCATED
L3           4 L2 AND TRUNCATED

=> d ibib abs 1-4

L3   ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2006:607535  CAPLUS
DOCUMENT NUMBER:         145:121973
TITLE:                   Truncated tau from sporadic
                         Alzheimer's disease suffices to drive neurofibrillary
                         degeneration in vivo
AUTHOR(S):               Zilka, Norbert; Filipcik, Peter; Koson, Peter;
                         Fialova, Lubica; Skrabana, Rostislav; Zilkova, Monika;
                         Rolkova, Gabriela; Kontsekova, Eva; Novak,
                         Michal
CORPORATE SOURCE:        Axon Neuroscience GmbH, Vienna, 1030, Austria
SOURCE:                  FEBS Letters (2006), 580(15), 3582-3588
                         CODEN: FEBLAL; ISSN: 0014-5793
PUBLISHER:               Elsevier B.V.
DOCUMENT TYPE:           Journal
LANGUAGE:                English
AB   Truncated tau protein is the characteristic feature of
     human sporadic Alzheimer's disease.  We have identified truncated
     tau proteins conformationally different from normal healthy
     tau.  Subpopulations of these structurally different tau
     species promoted abnormal microtubule assembly in vitro suggesting toxic
     gain of function.  To validate pathol. activity in vivo we expressed
     active form of human truncated tau protein as
     transgene, in the rat brain.  Its neuronal expression led to the
     development of the neurofibrillary degeneration of Alzheimer's type.
     Furthermore, biochem. anal. of neurofibrillary changes revealed that
     massive sarcosyl insol. tau complexes consisted of human
     Alzheimer's tau and endogenous rat tau in ratio 1:1
     including characteristic Alzheimer's disease (AD)-specific proteins (A68).
     This work represents first insight into the possible causative role of
     truncated tau in AD neurofibrillary degeneration in
     vivo.
REFERENCE COUNT:         30    THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3   ANSWER 2 OF 4  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2004:60551  CAPLUS
DOCUMENT NUMBER:         140:124832
TITLE:                   Truncated tau proteins
INVENTOR(S):             Kontsekova, Eva
PATENT ASSIGNEE(S):      Axon Neuroscience Forschungs- und Entwicklungs GmbH,
                         Austria
SOURCE:                  PCT Int. Appl., 97 pp.
                         CODEN: PIXXD2
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DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004007547 | A2 | 20040122 | WO 2003-EP7389 | 20030709 |
| WO 2004007547 | A3 | 20040722 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003253044 | A1 | 20040202 | AU 2003-253044 | 20030709 |
| EP 1521774 | A2 | 20050413 | EP 2003-763763 | 20030709 |
| EP 1521774 | B1 | 20080827 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| CN 1668641 | A | 20050914 | CN 2003-816647 | 20030709 |
| JP 2006515270 | T | 20060525 | JP 2004-520541 | 20030709 |
| AT 391781 | T | 20080415 | AT 2003-763764 | 20030709 |
| AT 406383 | T | 20080915 | AT 2003-763763 | 20030709 |
| ES 2304146 | T3 | 20080916 | ES 2003-763764 | 20030709 |
| EP 1995255 | A1 | 20081126 | EP 2008-14706 | 20030709 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR, LT, LV | | | | |
| ES 2311734 | T3 | 20090216 | ES 2003-763763 | 20030709 |
| US 20060167227 | A1 | 20060727 | US 2005-521140 | 20051031 |

PRIORITY APPLN. INFO.:

| | | |
|---|---|---|
| AT 2002-1053 | A | 20020712 |
| EP 2003-763763 | A3 | 20030709 |
| WO 2003-EP7389 | W | 20030709 |

AB Described are novel N- and C-terminally double truncated tau mols., (type IA, IB, IIA and IIB tau mols.) as well as methods for providing these mols., both from recombinant and biol. sources. Moreover, screening methods using these mols. in connection with Alzheimer's diagnosis and therapy are provided.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:64022 CAPLUS
DOCUMENT NUMBER: 138:367296
TITLE: DC11: a novel monoclonal antibody revealing Alzheimer's disease-specific tau epitope
AUTHOR(S): Vechterova, Lubica; Kontsekova, Eva; Zilka, Norbert; Ferencik, Miroslav; Ravid, Rivka; Novak, Michal
CORPORATE SOURCE: Axon Neuroscience, Vienna, A-1030, Austria
SOURCE: NeuroReport (2003), 14(1), 87-91
CODEN: NERPEZ; ISSN: 0959-4965
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Using tau protein exts. from Alzheimer's disease (AD) brain tissue, we generated a monoclonal antibody (mAb DC11) which decorated

neurofibrillary pathol. in brain derived from AD patients on immunohistochem., and which lacked reactivity with healthy brain tissue. The same pattern of DC11 specificity was observed on Western blot. The main constituent of structures decorated by DC11 is microtubule-associated protein tau. In Western blot, DC11 recognized neither native healthy tau nor its full length recombinant counterpart. However, the mAb showed strong immunoreactivity with truncated tau (residues .tau.151-421), thus indicating the requirement for a conformational epitope. Importantly, the DC11 epitope was phosphorylation independent. The immunochem. parameters of mAb show that DC11 could represent a novel structural probe with the specificity for conformation of pathol. tau present in AD brains.

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1995:814757 CAPLUS
DOCUMENT NUMBER: 123:250505
ORIGINAL REFERENCE NO.: 123:44639a,44642a
TITLE: Quick purification of recombinant human truncated tau proteins for immunoanalysis
AUTHOR(S): Kontsekova, Eva; Cattaneo, Antonino; Novak, Michal
CORPORATE SOURCE: Institute of Virology, Slovak Academy of Sciences, 842 46, Bratislava, Czech.
SOURCE: Journal of Immunological Methods (1995), 185(2), 245-8
CODEN: JIMMBG; ISSN: 0022-1759
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A simple and rapid purification method is described which exploits the heat stability of human tau (.tau.) protein to prepare truncated forms of this protein derived from bacteria. Bacterial cells expressing .tau. fragments were pelleted, resuspended in phosphate buffered saline and boiled for 5 min. After centrifugation the supernatant containing thermostable .tau. was filtered (0.45 μm) and used for immunoanal. with monoclonal antibodies. The purified . tau. fragments exhibited identical antigenic properties as fragments isolated by a conventional procedure, based on ion exchange chromatog. on phosphocellulose. In contrast to the conventional approach, our method is less complicated, cheaper and significantly reduces the time required for isolation of the recombinant .tau. fragments.

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E1 THROUGH E27 ASSIGNED

=> d all l3 2

L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:60551 CAPLUS
DN 140:124832
ED Entered STN: 26 Jan 2004
TI Truncated tau proteins
IN Kontsekova, Eva
PA Axon Neuroscience Forschungs- und Entwicklungs GmbH, Austria
SO PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DT Patent
LA English

IC ICM C07K014-47
ICS C12N015-12; G01N033-53; A01K067-027; A61K039-00; C12P021-02; C07K016-00
CC 9-2 (Biochemical Methods)
Section cross-reference(s): 3, 6, 13, 14, 15
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 2004007547 | A2 | 20040122 | WO 2003-EP7389 | 20030709 |
| | WO 2004007547 | A3 | 20040722 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2003253044 | A1 | 20040202 | AU 2003-253044 | 20030709 |
| | EP 1521774 | A2 | 20050413 | EP 2003-763763 | 20030709 |
| | EP 1521774 | B1 | 20080827 | | |
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| | CN 1668641 | A | 20050914 | CN 2003-816647 | 20030709 |
| | JP 2006515270 | T | 20060525 | JP 2004-520541 | 20030709 |
| | AT 391781 | T | 20080415 | AT 2003-763764 | 20030709 |
| | AT 406383 | T | 20080915 | AT 2003-763763 | 20030709 |
| | ES 2304146 | T3 | 20080916 | ES 2003-763764 | 20030709 |
| | EP 1995255 | A1 | 20081126 | EP 2008-14706 | 20030709 |
| | R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR, LT, LV | | | | |
| | ES 2311734 | T3 | 20090216 | ES 2003-763763 | 20030709 |
| | US 20060167227 | A1 | 20060727 | US 2005-521140 | 20051031 |
| PRAI | AT 2002-1053 | A | 20020712 | | |
| | EP 2003-763763 | A3 | 20030709 | | |
| | WO 2003-EP7389 | W | 20030709 | | |

CLASS

| PATENT NO. | CLASS | PATENT FAMILY CLASSIFICATION CODES |
|---|---|---|
| WO 2004007547 | ICM | C07K014-47 |
| | ICS | C12N015-12; G01N033-53; A01K067-027; A61K039-00; C12P021-02; C07K016-00 |
| | IPCI | C07K0014-47 [ICM,7]; C07K0014-435 [ICM,7,C*]; C12N0015-12 [ICS,7]; G01N0033-53 [ICS,7]; A01K0067-027 [ICS,7]; A61K0039-00 [ICS,7]; C12P0021-02 [ICS,7]; C07K0016-00 [ICS,7] |
| | IPCR | A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0039-00 [N,C*]; A61K0039-00 [N,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A]; C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-12 [I,C*]; C12N0015-12 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-15 [I,C*]; G01N0033-15 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; K01K; K01K; K01K; K61K; M07K; M07K |
| AU 2003253044 | IPCI | C07K0014-47 [ICM,7]; C07K0014-435 [ICM,7,C*]; |

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| | | A61K0039-00 [ICS,7]; C12P0021-02 [ICS,7]; C07K0016-00 [ICS,7]; C12N0015-12 [ICS,7]; G01N0033-53 [ICS,7]; A01K0067-027 [ICS,7] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; K01K; K01K; K01K; K61K; M07K; M07K |
| EP 1521774 | IPCI | C07K0014-435 [I,C]; C07K0014-47 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; A61K0039-00 [I,C]; A61K0039-00 [I,A]; C07K0016-00 [I,C]; C07K0016-00 [I,A]; C12N0015-12 [I,C]; C12N0015-12 [I,A]; C12P0021-02 [I,C]; C12P0021-02 [I,A]; G01N0033-53 [I,C]; G01N0033-53 [I,A] |
| | IPCR | C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-15 [I,C*]; G01N0033-15 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; K01K; K01K; K01K; K61K; M07K; M07K; G01N033/50D2J4; G01N033/68V2; K01K; S01N |
| CN 1668641 | IPCI | C07K0014-47 [ICM,7]; C07K0014-435 [ICM,7,C*] |
| | IPCR | A01K0067-027 [I,C*]; A01K0067-027 [I,A]; A61K0039-00 [N,C*]; A61K0039-00 [N,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A]; C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-12 [I,C*]; C12N0015-12 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-15 [I,C*]; G01N0033-15 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; K01K; K01K; K01K; K61K; M07K; M07K |
| JP 2006515270 | IPCI | C07K0014-47 [I,A]; C07K0014-435 [I,C*]; C12N0015-09 [I,A]; C12P0021-02 [I,A]; C12Q0001-02 [I,A]; A01K0067-027 [I,A]; G01N0033-15 [I,A]; G01N0033-50 [I,A]; A61K0039-00 [I,A]; A61P0025-28 [I,A]; A61P0025-00 [I,C*]; A61K0039-39 [I,A]; C12P0021-08 [N,A] |
| | IPCR | C07K0014-435 [I,C]; C07K0014-47 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; A61K0039-00 [I,C]; A61K0039-00 [I,A]; A61K0039-39 [I,C]; A61K0039-39 [I,A]; A61P0025-00 [I,C]; A61P0025-28 [I,A]; C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C]; C12N0015-09 [I,A]; C12N0015-12 [I,C*]; C12N0015-12 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12P0021-02 [I,C]; C12P0021-02 [I,A]; C12P0021-08 [N,C]; C12P0021-08 [N,A]; C12Q0001-02 [I,C]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-15 [I,C]; G01N0033-15 [I,A]; G01N0033-50 [I,C]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | FTERM | 2G045/AA40; 2G045/DA36; 2G045/FA11; 4B024/AA01; 4B024/AA11; 4B024/BA53; 4B024/BA80; 4B024/CA04; 4B024/DA05; 4B024/EA04; 4B024/GA11; 4B024/HA01; 4B024/HA03; 4B024/HA11; 4B063/QA01; 4B063/QA18; 4B063/QQ08; 4B063/QR33; 4B063/QR59; 4B063/QR77; 4B063/QR80; 4B063/QS05; 4B063/QS36; 4B063/QX01; 4B064/AG01; 4B064/AG27; 4B064/CA01; 4B064/CA19; 4B064/CA20; 4B064/CC24; 4B064/DA01; 4B064/DA13; |

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|---|---|---|
| | | 4C085/AA03; 4C085/AA38; 4C085/BB11; 4C085/CC21; 4C085/CC28; 4C085/DD86; 4C085/FF24; 4H045/AA10; 4H045/AA11; 4H045/AA20; 4H045/AA30; 4H045/BA10; 4H045/CA45; 4H045/DA00; 4H045/DA76; 4H045/EA20; 4H045/EA50; 4H045/FA72; 4H045/FA74 |
| AT 391781 | IPCI | C12N0015-12 [I,C]; C12N0015-12 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; C12N0005-06 [I,C]; C12N0005-06 [I,A]; G01N0033-00 [I,C]; G01N0033-00 [I,A]; G01N0033-15 [I,C]; G01N0033-15 [I,A] |
| | IPCR | C12N0015-12 [I,C]; C12N0015-12 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; A61K0039-00 [N,C*]; A61K0039-00 [N,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A]; C12N0005-06 [I,C]; C12N0005-06 [I,A]; C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-00 [I,C]; G01N0033-00 [I,A]; G01N0033-15 [I,C]; G01N0033-15 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; G01N033/50D2J4; G01N033/68V2; K01K; K01K; K01K; K61K; M07K; M07K; S01N |
| AT 406383 | IPCI | C07K0014-435 [I,C]; C07K0014-47 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; A61K0039-00 [I,C]; A61K0039-00 [I,A]; C07K0016-00 [I,C]; C07K0016-00 [I,A]; C12N0015-12 [I,C]; C12N0015-12 [I,A]; C12P0021-02 [I,C]; C12P0021-02 [I,A]; G01N0033-53 [I,C]; G01N0033-53 [I,A] |
| | IPCR | C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-15 [I,C*]; G01N0033-15 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; G01N033/50D2J4; G01N033/68V2; K01K; K01K; K01K; K61K; M07K; M07K; K01K; S01N |
| ES 2304146 | IPCI | C12N0015-12 [I,C]; C12N0015-12 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; C12N0005-06 [I,C]; C12N0005-06 [I,A]; G01N0033-00 [I,C]; G01N0033-00 [I,A]; G01N0033-15 [I,C]; G01N0033-15 [I,A] |
| | IPCR | A61K0039-00 [N,C*]; A61K0039-00 [N,A]; C07K0014-435 [I,C*]; C07K0014-47 [I,A]; C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; G01N033/50D2J4; G01N033/68V2; K01K; K01K; K01K; K61K; M07K; M07K; K01K; S01N |
| EP 1995255 | IPCI | C07K0014-47 [I,A]; C07K0014-435 [I,C*]; C12N0015-85 [I,A] |
| ES 2311734 | IPCI | C07K0014-435 [I,C]; C07K0014-47 [I,A]; A01K0067-027 [I,C]; A01K0067-027 [I,A]; A61K0039-00 [I,C]; A61K0039-00 [I,A]; C07K0016-00 [I,C]; C07K0016-00 [I,A]; C12N0015-12 [I,C]; C12N0015-12 [I,A]; |

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| | | C12P0021-02 [I,C]; C12P0021-02 [I,A]; G01N0033-53 [I,C]; G01N0033-53 [I,A] |
| | IPCR | C12N0005-10 [I,C*]; C12N0005-10 [I,A]; C12N0015-09 [I,C*]; C12N0015-09 [I,A]; C12N0015-85 [I,C*]; C12N0015-85 [I,A]; C12Q0001-02 [I,C*]; C12Q0001-02 [I,A]; C12Q0001-68 [I,C*]; C12Q0001-68 [I,A]; G01N0033-15 [I,C*]; G01N0033-15 [I,A]; G01N0033-50 [I,C*]; G01N0033-50 [I,A]; G01N0033-68 [I,C*]; G01N0033-68 [I,A] |
| | ECLA | C07K014/47A3; A01K067/027M4; C12N015/85A3A3; G01N033/50D2J4; G01N033/68V2; K01K; K01K; K01K; K61K; M07K; M07K; K01K; S01N; S01N |
| US 20060167227 | IPCI | C07K0014-705 [I,A]; C07K0014-435 [I,C*] |
| | IPCR | C07K0014-435 [I,C]; C07K0014-705 [I,A] |
| | NCL | 530/350.000; 435/069.100; 435/252.300; 435/320.100; 536/023.500 |
| | ECLA | C07K014/47A3; G01N033/50D2J4; G01N033/68V2; S01N |

AB Described are novel N- and C-terminally double truncated tau mols., (type IA, IB, IIA and IIB tau mols.) as well as methods for providing these mols., both from recombinant and biol. sources. Moreover, screening methods using these mols. in connection with Alzheimer's diagnosis and therapy are provided.

ST tau protein fragment isolation sequence Alzheimer diagnosis monoclonal antibody

IT Transformation, genetic
(Alzheimer's disease model; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)

IT Disease models
(Alzheimer's disease; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)

IT Vaccines
(Alzheimer's disease; truncated Tau proteins of humans)

IT Tau factor
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); BIOL (Biological study); USES (Uses)
(N- and C-terminally double truncated; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)

IT Alzheimer's disease
Anti-Alzheimer's agents
Biomarkers
Brain
Diagnosis
Human
Neuron
Oxidative stress, biological
(N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)

IT Synthetic gene
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(animal; for truncated Tau proteins of humans)

IT Microtubule
(assembly; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)

IT Protein sequences

(for truncated Tau proteins of humans)
IT Antibodies and Immunoglobulins
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monoclonal, DC44, DC82, DC136; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)
IT Gene, animal
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(synthetic; for truncated Tau proteins of humans)
IT Antibodies and Immunoglobulins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(to Alzheimer disease derived tau; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)
IT Transferrins
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); BIOL (Biological study); USES (Uses)
(τ -transferrins; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)
IT 649163-53-1, 239-333-Tau factor (human type IA) 649163-54-2, 237-333-Tau factor (human type IA) 649163-55-3, 239-318-Tau factor (human type IA) 649163-56-4, 239-326-Tau factor (human type IB) 649163-57-5, 239-328-Tau factor (human type IB) 649163-58-6, 239-331-Tau factor (human type IB) 649163-59-7, 239-334-Tau factor (human type IB) 649163-60-0, 239-340-Tau factor (human type IB) 649163-61-1, 239-343-Tau factor (human type IB) 649163-62-2, 208-302-Tau factor (human type IB) 649163-63-3, 69-333-Tau factor (human type IIA) 649163-64-4, 93-333-Tau factor (human type IIA) 649163-65-5, 69-363-Tau factor (human type IIA) 649163-66-6, 93-363-Tau factor (human type IIA) 649163-67-7, 93-302-Tau factor (human type IIA) 649163-68-8, 69-302-Tau factor (human type IIA) 649163-69-9, 93-332-Tau factor (human type IIA) 649163-70-2, 69-332-Tau factor (human type IIA) 649163-71-3, 6-378-Tau factor (human type IIB) 649163-72-4, 6-347-Tau factor (human type IIB) 649163-73-5, 268-333-Tau factor (human) 649163-74-6, 248-333-Tau factor (human) 649163-75-7, 258-333-Tau factor (human) 649163-76-8, 263-333-Tau factor (human) 649163-77-9, (239-247)-(263-333)-Tau factor (human) 649163-78-0, (239-255)-(263-333)-Tau factor (human) 649163-79-1, (239-262)-(268-333)-Tau factor (human)
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(amino acid sequence; N- and C-terminally truncated tau proteins isolation and characterization for diagnostic, therapeutic and Alzheimer's disease model uses)
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
(1) Anon; WO 0118546 A2 CAPLUS
(2) Anon; WO 0165252 A1 CAPLUS
(3) Anon; WO 02055720 A2 CAPLUS
(4) Anon; WO 02059150 A2 CAPLUS
(5) Anon; WO 02062851 A1 CAPLUS
(6) Anon; WO 9630766 A1 CAPLUS

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COST IN U.S. DOLLARS SINCE FILE TOTAL

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STRUCTURE FILE UPDATES:   27 MAR 2009  HIGHEST RN 1128305-29-2
DICTIONARY FILE UPDATES:  27 MAR 2009  HIGHEST RN 1128305-29-2

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FILE COVERS 1907 - 28 Mar 2009  VOL 150 ISS 14
FILE LAST UPDATED: 27 Mar 2009  (20090327/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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L5           1 L4

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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 26 Mar 2009 (20090326/PD)
FILE LAST UPDATED: 26 Mar 2009 (20090326/ED)
HIGHEST GRANTED PATENT NUMBER: US7509687
HIGHEST APPLICATION PUBLICATION NUMBER: US20090083889
CA INDEXING IS CURRENT THROUGH 26 Mar 2009 (20090326/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 26 Mar 2009 (20090326/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2008
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2008

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L2          10 S L1 AND TAU
L3           4 S L2 AND TRUNCATED
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L6            0 S L4

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FULL ESTIMATED COST                                       1.69      31.87

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FILE COVERS 1907 - 28 Mar 2009  VOL 150 ISS 14
FILE LAST UPDATED: 27 Mar 2009  (20090327/ED)

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L5            1 S L4

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=> d ibib abs l5 1

L5   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:         2004:60551  CAPLUS
DOCUMENT NUMBER:          140:124832
TITLE:                    Truncated tau proteins
INVENTOR(S):              Kontsekova, Eva
PATENT ASSIGNEE(S):       Axon Neuroscience Forschungs- und Entwicklungs GmbH,
                          Austria
SOURCE:                   PCT Int. Appl., 97 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   2
PATENT INFORMATION:

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     WO 2004007547         A2    20040122    WO 2003-EP7389          20030709
     WO 2004007547         A3    20040722
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
             PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
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     AU 2003253044         A1    20040202    AU 2003-253044          20030709
     EP 1521774            A2    20050413    EP 2003-763763          20030709
     EP 1521774            B1    20080827
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     CN 1668641            A     20050914    CN 2003-816647          20030709
     JP 2006515270         T     20060525    JP 2004-520541          20030709
     AT 391781             T     20080415    AT 2003-763764          20030709
     AT 406383             T     20080915    AT 2003-763763          20030709
     ES 2304146            T3    20080916    ES 2003-763764          20030709
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     ES 2311734            T3    20090216    ES 2003-763763          20030709
     US 20060167227        A1    20060727    US 2005-521140          20051031
PRIORITY APPLN. INFO.:                       AT 2002-1053         A  20020712
                                             EP 2003-763763       A3 20030709
                                             WO 2003-EP7389       W  20030709
AB   Described are novel N- and C-terminally double truncated tau mols., (type
     IA, IB, IIA and IIB tau mols.) as well as methods for providing these
     mols., both from recombinant and biol. sources.  Moreover, screening
     methods using these mols. in connection with Alzheimer's diagnosis and
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     therapy are provided.
REFERENCE COUNT:         6     THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


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L2            10 S L1 AND TAU
L3             4 S L2 AND TRUNCATED
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L5             1 S L4

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L6             0 S L4

     FILE 'CAPLUS' ENTERED AT 15:11:57 ON 28 MAR 2009

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MOST RECENT UPDATE:           200918      <200918/DW>
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    to the end of 2008.
    No update date (UP) has been created for the reclassified
    documents, but they can be identified by
    specific update codes (see HELP CLA for details)<<<

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L6             0 S L4

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L4   ANSWER 1 OF 8  REGISTRY  COPYRIGHT 2009 ACS on STN
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ED   Entered STN:  11 Feb 2004
CN   6-378-Tau factor (human type IIB) (9CI)  (CA INDEX NAME)
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OTHER NAMES:
CN   19: PN: WO2004007547 SEQID: 19 claimed protein
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MF   Unspecified
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SR   CA
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               1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


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L4   ANSWER 4 OF 8  REGISTRY  COPYRIGHT 2009 ACS on STN
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ED   Entered STN:  11 Feb 2004
CN   69-302-Tau factor (human type IIA) (9CI)  (CA INDEX NAME)
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MF   Unspecified
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L4   ANSWER 8 OF 8  REGISTRY  COPYRIGHT 2009 ACS on STN
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ED   Entered STN:  11 Feb 2004
CN   93-333-Tau factor (human type IIA) (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN   12: PN: WO2004007547 SEQID: 12 claimed protein
FS   PROTEIN SEQUENCE
MF   Unspecified
CI   MAN
SR   CA
LC   STN Files:   CA, CAPLUS

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L4            8 S   649163-64-4/RN OR  649163-65-5/RN OR 649163-66-6/RN OR 6491

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     FILE 'USPATFULL' ENTERED AT 15:11:23 ON 28 MAR 2009
L6            0 S L4

     FILE 'CAPLUS' ENTERED AT 15:11:57 ON 28 MAR 2009

     FILE 'WPIDS' ENTERED AT 15:13:48 ON 28 MAR 2009
L7            0 S L4
L8            0 S L5

     FILE 'REGISTRY' ENTERED AT 15:14:33 ON 28 MAR 2009

=> d l4 que
L4            8 SEA FILE=REGISTRY ABB=ON  PLU=ON  649163-64-4/RN OR  649163-65-
                5/RN OR 649163-66-6/RN OR 649163-67-7/RN OR 649163-68-8/RN OR
                649163-69-9/RN OR 649163-70-2/RN OR 649163-71-3/RN


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